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ABSTRACT

This unit is based on the premise that science was developed for the purpose of describing and explaining natural phenomena. This means that an important part of teaching science consists of giving students the chance to practice their own descriptions and explanations. This unit was specifically designed to help middle school students acquire an adequate understanding of kinetic molecular theory in the middle school. It is organized into nine lesson clusters and makes reference to activities in the accompanying workbook. Each cluster contains goals and objectives, conceptual explanations and conceptual contrasts. This teacher's guide contains comments that accompany the text; lists of transparencies, charts, posters and videotapes; transparency masters; a list of materials by lesson; and an introduction to writing descriptions and explanations for the teacher. (CW)

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